KRAMER ELECTRONICS, Ltd.
www.kramerelectronics.com

TP-133

Computer Graphics Video, Audio & Data over Twisted Pair Transmitter with Auto EQ & Skew

The TP−133 is a high−performance, extended range twisted pair transmitter for computer graphics video, balanced/unbalanced stereo audio and bidirectional RS−232 data signals. The TP−133 converts input signals to twisted pair signals and the TP−134 converts the twisted pair signals back into the original formats.

FEATURES

- Inputs - 1 computer graphics on a 15−pin HD connector, 1 unbalanced stereo audio on a 3.5mm mini jack, 1 balanced stereo audio on a terminal block connector, 1 RS−232 port on a 9−pin D−sub connector.
- Looping Inputs - Each input.
- Output - Twisted pair on a RJ−45.
- Resolution - Up to WUXGA, 1920x1200.
- RS-232 Port - Full−duplex, bidirectional transmission.
- Automatic Compensation - When used with a TP−134, the TP−134 automatically detects and compensates for the EQ losses and color delay differences in the TP cable.
- Cable - UTP (unshielded twisted pair) or STP (shielded twisted pair) cable such as CAT 5.
- System Range - Up to 200m (656ft).
- Noise Protection - Increased level of protection against noise, spikes and interference in adverse environments.
- Compact MegaTOOLS™ - 2 units can be rack mounted side−by−side in a 1U rack space with the optional RK−T2B universal rack adapter.

TP-133

TECHNICAL SPECIFICATIONS

INPUTS:	1 computer graphics on a 15−pin HD connector, 1 unbalanced stereo audio on a 3.5mm mini jack, 1 balanced stereo audio on a 5−pin terminal block, 1 RS−232 bidirectional on a 9 pin D−sub connector.
OUTPUTS:	1 looping computer graphics on a 15−pin HD connector, 1 looping balanced stereo audio on a 5−pin terminal block, 1 looping unbalanced stereo audio on a 3.5mm mini jack, 1 twisted pair on an RJ−45 connector.
VIDEO RESOLUTION:	Up to WUXGA.
AUDIO BANDWIDTH:	20Hz–20kHz (−3dB).
S/N RATIO:	84dB unweighted.
COUPLING:	AC.
AUDIO TND+N:	0.02% unweighted.
RS-232 BAUD RATE:	Up to 115200bps, full−duplex.
POWER CONSUMPTION:	5.3V DC, 450mA.
TRANSMISSION RANGE:	Up to 200m (656ft).
OPERATING TEMPERATURE:	0° to +40°C (32° to 104°F).
STORAGE TEMPERATURE:	−40° to +70°C (−40° to 158°F).
HUMIDITY:	10% to 90%, RHL non−condensing.
DIMENSIONS:	19.05cm x 8.63cm x 2.44cm (7.5" x 3.4" x 0.96") W, D, H.
WEIGHT:	0.33kg (0.73lbs) approx.
INCLUDED ACCESSORIES:	Power supply, AD−GF/GF 15−pin HD (F/F) gender changer.
OPTIONS:	RK−T2B 19” rack adapter.